

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (Canceled).

Claim 13 (New): A radial tire having a body ply extending from a tread section to sidewall sections and turned up over bead cores of bead sections to have turned-up portions at both sides thereof; a belt layer wound on an outer circumference of the body ply in a tire circumferential direction; a tread circumferentially wound on an outer circumference of the belt layer; and bead fillers extending from the bead cores radially outward between the sidewall sections and the turned-up portions of the body ply,

wherein:

the belt layer comprises at least one spirally wound belt layer in which one or plural belt codes coated with rubber are arranged to be spirally wound substantially in parallel with the tire circumferential direction; and

the belt code in the spirally wound belt layer has a property that an increase rate of tensile load to stretch rate is small in a range of a predetermined stretch rate or less but is large in another range exceeding the predetermined stretch rate.

Claim 14 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 13, wherein the belt code in the spirally wound belt layer has a property that the stretch rate is equal to or greater than 0.5 % at tensile load of 20 N, and wherein the tensile load is equal to or greater than 60 N at stretch rate of 3 % of the tensile load or is equal to or greater than 30 N at the stretch rate of 1.5 %.

Claim 15 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 14, wherein the belt code in the spirally wound belt layer includes a hybrid code having a nylon fiber bundle as a core and also includes an aramid fiber bundle twisted therearound.

Claim 16 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 14, wherein the belt code in the spirally wound belt layer includes a multi-strand steel code of twisted plural steel strands.

Claim 17 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 14, wherein the belt code in the spirally wound belt layer includes a waved steel code made by giving a waving processing to a steel code of twisted plural steel filaments.

Claim 18 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 14, wherein:

the body ply is arranged to be at least one layer;
body ply codes in the body ply are inclined at an angle in the range of 85 to 90 degrees relative to the circumferential direction; and
the belt layer arranged on the outer circumference of the body ply comprises an oblique belt layer in which belt codes made of steel are arranged to be as one layer and to be inclined at an angle in the range of 10 to 40 degrees relative to the circumferential direction and at least one spirally wound belt layer in which a belt code is arranged to be spirally wound on an outer circumference of the oblique belt layer substantially in parallel with the tire circumferential direction.

Claim 19 (New): The radial tire with the circumferentially wound belt layer as set forth Claim 14, wherein:

the body ply is arranged to be at least one layer;

body ply codes of the body ply are inclined at an angle in the range of 85 to 90 degrees relative to the circumferential direction; and

the belt layer arranged on the outer circumference of the body ply comprises two oblique belt layers in which belt codes made of steel are arranged to be inclined in the same direction at the same angle in the range 30 to 60 degrees or in the range of 40 to 50 degrees relative to the circumferential direction and at least one spirally wound belt layer in which a belt code made of a hybrid code is coated with rubber and is ranged to be spirally wound on outer circumferences of the oblique belt layers substantially in parallel with the tire circumferential direction; and

of the two oblique belt layers, one oblique belt layer is in the range of 40 to 70 % of the other oblique belt layer in width and is circumferentially arranged at a center portion in a direction of the radial tire width.

Claim 20 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 19, wherein:

an organic fiber code made of a hybrid code is coated with rubber and arranged to be spirally wound between the oblique belt layers and the outer circumference of the body ply substantially in parallel with the circumferential direction thereby to form a ply under the oblique belt layers; and

the organic code in the ply under the oblique belt layers is arranged to be densified at shoulder portions on side edges in the direction of the radial tire width and to be loose at a center portion.

Claim 21 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 19, wherein a ply under the oblique belt layers is composed of:

a waved steel code coated with rubber and arranged to be spirally wound and to be densified between the oblique belt layers and the outer circumference of the body ply at shoulder portions on side edges in the direction of the radial tire width substantially in parallel with the circumferential direction; and

an organic fiber code made of a hybrid code coated with rubber and arranged to be spirally wound and to be loose between the oblique belt layers and the outer circumference of the body ply at the center portion substantially in parallel with the circumferential direction.

Claim 22 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 19, wherein:

a code which is small in the increase rate of tensile load to stretch rate in the range of a predetermined stretch rate or less but is large in the increase rate of the tensile load in another range exceeding the predetermined stretch rate is coated with rubber and is arranged to be spirally wound between the oblique belt layers and the outer circumference of the body ply substantially in parallel with the circumferential direction thereby to form a ply under the oblique belt layers; and

the code in the ply under the oblique belt layers is arranged to be densified at shoulder portions on side edges in the direction of the radial tire width and at a center portion, but to be loose at a portion between each shoulder portion and the center portion.

Claim 23 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 22, wherein:

a code which is small in the increase rate of tensile load to stretch rate in the range of a predetermined stretch rate or less but is large in the increase rate of the tensile load in another range exceeding the predetermined stretch rate is coated with rubber and is arranged to be spirally wound between the spirally wound belt layer and the oblique belt layers substantially in parallel with the circumferential direction thereby to form a ply under the spirally wound belt layer; and

the code in the ply under the spirally wound belt layer is arranged to be densified at shoulder portions on side edges in the direction of the radial tire width and at a center portion, but to be loose at the portion between each shoulder portion and the center portion.

Claim 24 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 18, wherein both side ends of the spirally wound belt layer cover both side ends of the oblique belt layer.

Claim 25 (New): The radial tire with the circumferentially wound belt layer as set forth in Claim 19, wherein both side ends of the spirally wound belt layer cover both side ends of the oblique belt layers.